This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

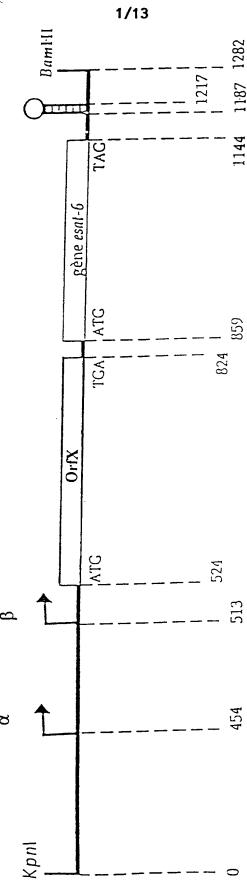
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

PCT/IB98/01091



1988 G 13 19

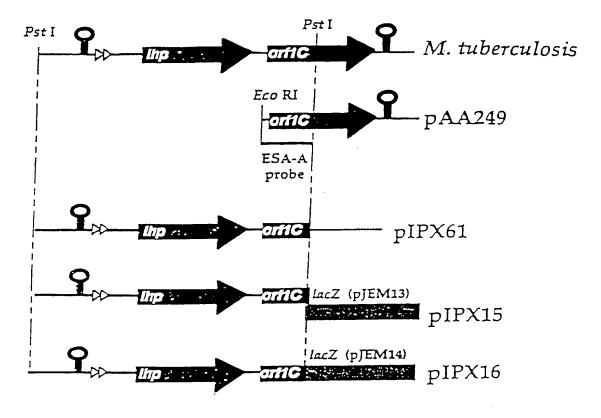




FIGURE 2

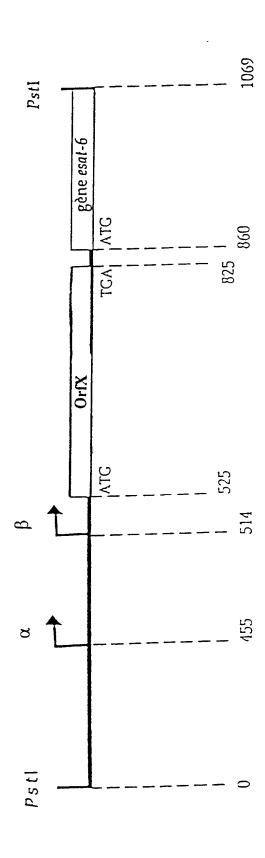


Fig. 4A

50 30 10 CTGCAGCAGGTGACGTCGTTGTTCAGCCAGGTGGGCGGCGCCACCGGCGGCGCAACCCAGCCGAGGAAGCCGCGCAGAT 130 210 230 GCGCGGAGTCGCTACCTGGCGCAGGTGGGTCGTTGACCCGCCACGCCGCTGATGTCTCAGCTGATCGAAAAGCCGGTTGCC CCCTCGGTGATGCCGGCGGTGTGCCGGATCGTCGGTGACGGGTGGCGCCCCCCGGTGGGTCCGGGAGCGATGGGCCA 370 350 430 450 +1 Mtb. AGGACGACTGGGACGAAGAGGACGACTGGTGAGCTCCCGTAATGACAACAGACLTCCCGGCCACCCGGGCCGGAAGACTT 550 lhp490 . +1 Ms . GCCAACATTTTGGCGAGGAAGGTAAAG<u>AGAGA</u>AAGTAGTCCAGCATGGCAGAGATGAAGACCGATGCCGCTACCCTCGGG MAEMKTDAATLG RBS 🕨 630 610 570 CAGGAGGCAGGTAATTTCGAGCGGATCTCCGGCGACCTGAAAACCCAGATCGACCAGGTGGAGTCGACGGCAGGTTCGTT Q E A G N F E R I S G D L K T Q I D Q V E S T A G S L 710 670 GCAGGGCCAGTGGCGCGGGGGGGGGGGGGCGCCCCAGGCCGCGGTGGTGCGCTTCCAAGAAGCAGCCAATAAGCAGA Q G Q W R G A A G T A A Q A A V V R F Q E A A N K Q K 790 770 730 750 Q E L D E I S T N I R Q A G V Q Y S R A D E E Q Q Q 850 810 830 esat-6 GCGCTGTCCTCGCAAATGGGCTTCTGACCCGCTAATACGAAAAGAAACGGAGCAAAAACATGACAGAG..... ALSSONGF *

Fig. 4B

5/13

Fig. 5A



Fig. 5C

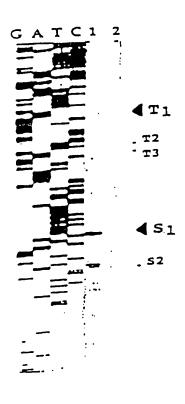


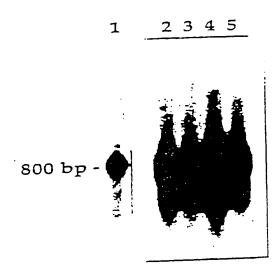
Fig. 5B

AAGACGACGAGGACGACGGAGAGAGAGAGACTC

- 35

CCGTAATGACAACAGACTTCCCGGCCACCCGGGCCGGAAGACTTG

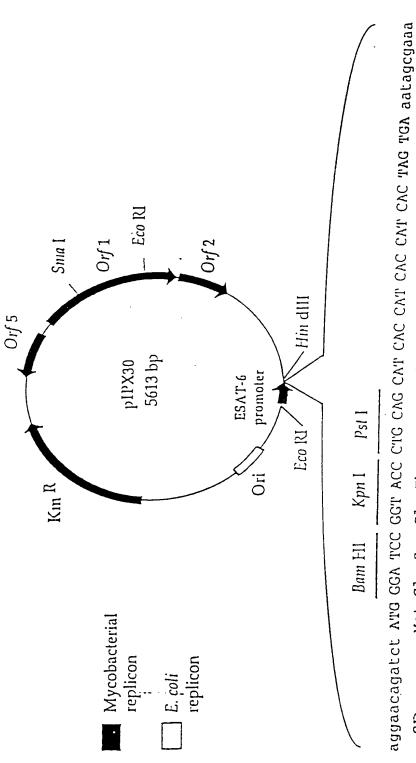
Tı



09/4/

0





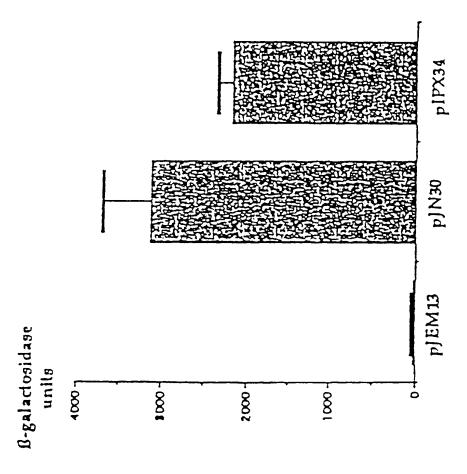
cacyggatcygggggttcgacttccgtcygtctcgcct

Met Gly Ser Gly Thr Leu Aan Hia Hia Hia Hia Hia Hia *

SD

ESAT-6 transcription terminator

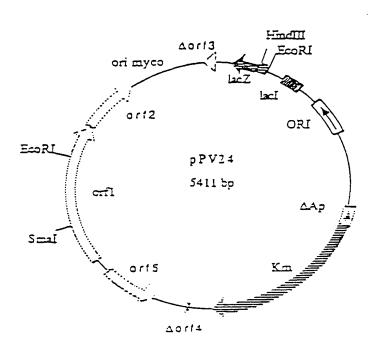
FIGURE 7



1 2 3 4
kDa
44 - Des (His)₆

30 -

10/13



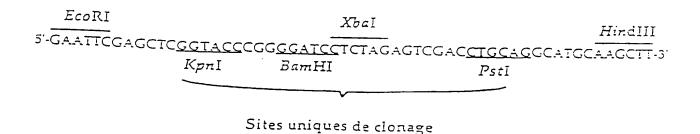


FIGURE 10

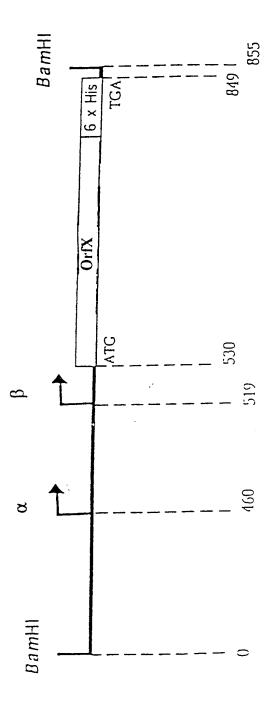
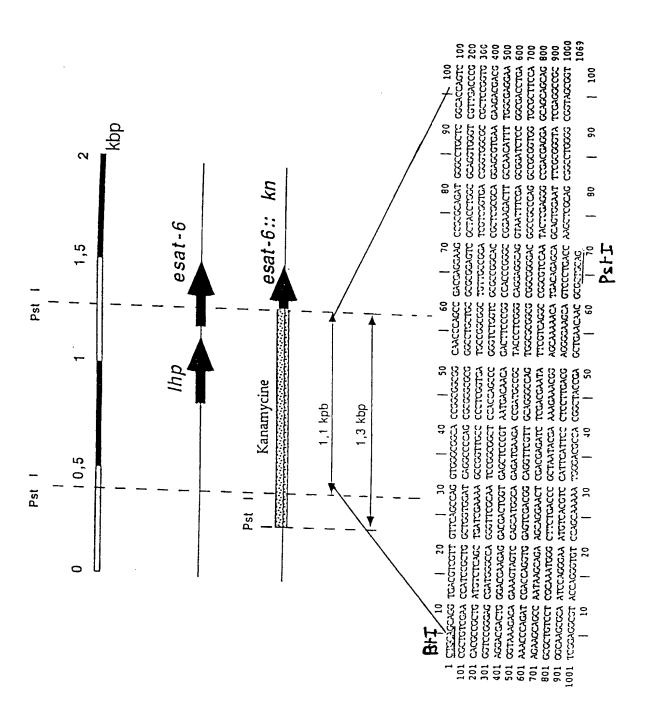


FIGURE 11



IGURE 13